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Re: *Joo et al., Integrated Circuit Metal-Insulator-Metal Capacitors Including Hemispherical Grain Lumps, Serial No. 10/715,273, Filed 11/17/2003*

Attached is an Amendment After Final Action responsive to the final Official Action dated July 27, 2005.

**CERTIFICATION OF FACSIMILE TRANSMISSION  
UNDER 37 CFR § 1.8**

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**RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2822**

Attorney Docket No. 5649-955DV

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Joo et al.

Serial No.: 10/715,273

Filed: November 17, 2003

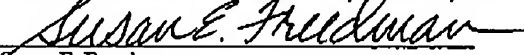
For: INTEGRATED CIRCUIT METAL-INSULATOR-METAL CAPACITORS  
INCLUDING HEMISPHERICAL GRAIN LUMPS

Confirmation No.: 4597

Examiner: Kiesha L. Rose

Group Art Unit: 2822

September 27, 2005

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Susan E. Freedman

Date of Signature: September 27, 2005

**AMENDMENT AFTER FINAL ACTION  
PURSUANT TO 37 C.F.R. § 1.116**

Sir:

The present Amendment is being filed to address the issues raised in the final Official Action mailed July 27, 2005.

It is not believed that an extension of time and/or additional fee(s)-including fees for net addition of claims-are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.

Amendments to the claims begin on Page 2 of this paper.

Remarks begin on Page 4 of this paper.